

ABSTRACT OF THE DISCLOSURE

A fluid filter arrangement has a housing, a filter cartridge oriented within the housing, and a projection arrangement. The projection arrangement is oriented to space the filter cartridge from a wall of the housing in order to provide a fluid flow path between the filter cartridge and the housing wall. In some arrangements, the projection arrangement is part of an end cap. Embodiments of the projections include axial extensions, radial extensions, and angled extensions including both radial and axial components. Systems of use, methods of filtering, methods of making, and methods of servicing include arrangements of these types.